

PHOTOGRAPHIC INTERPRETATION REPORT



FACILITIES ALONG THE  
MOSCOW-LENINGRAD  
MICROWAVE LINK  
USSR

[REDACTED] 25X1  
FEBRUARY 1969

COPY 120

3 PAGES

Declass Review by NIMA/DOD

25X1

[REDACTED]

GROUP 1: EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION



25X1  
25X1

25X1  
25X1C

INSTALLATION OR ACTIVITY NAME				COUNTRY	
Facilities Along The Moscow - Leningrad Microwave Link				UR	
UTM COORDINATES	GEOGRAPHIC COORDINATES	CATEGORY	BE NUMBER	COMREX NO.	NIETB NO.
NA	See Below	See Below	None	None	See Below
MAP REFERENCE					
ACIC. Operational Navigation Chart, D-3 & E-4, Scale 1:1,000,000 (UNCLASSIFIED)					
LATEST IMAGERY USED			NEGATION DATE (if required)		
See Below			NA		
REQUIREMENT			NRIC PROJECT		
NSA/SOC/R39/69			250132		

A total of seven microwave facilities and one TV /microwave facility have been identified in the 330-nautical-mile-microwave link between Moscow and Leningrad, USSR. The facilities were identified during a search for R-600 equipment along this link. Although eight facilities were identified, R-600 equipment could be confirmed at only one, a facility 3.5 nautical miles southeast of Solnechnogorsk, USSR (Figure 1, inset). At no facility could the antennas be seen with sufficient clarity on [ ] photography to allow for the determination of relay azimuths.

25X1

25X1D  
25X1D  
25X1D

Only [ ] and ground photography were utilized in the search. All [ ] photography dating from [ ] was utilized in the preparation of this report.

25X1D

The seven microwave and one TV/microwave facilities which have been identified are described below in a northwest to southeast location sequence, and are shown on Figure 1. The facilities can be categorized according to equipment type as follows: one has confirmed Vesna (R-600) equipment, four have Strella (R-60/120) equipment, one has probable R-60/120 equipment, and two have unidentified equipment or equipment which cannot be observed at all because of limited interpretability. These facilities represent only a part of the R-60/120 microwave link and virtually none of the R-600 link between Leningrad and Moscow.

25X1D

2. Chudovo Microwave Facility [ ] No NIETB
- Coordinates - undetermined
- Tower type - self-supporting, lattice, undetermined height
- Antennas - two R-60/120 reflectors

25X1A

25X1D

25X1D

\* Computer-derived coordinates have an error factor of plus or minus 6,000 feet.

25X1

25X1

25X1

25X1C

25X1  
25X1

TOP SECRET

25X1  
25X1C

25X1D

5. Kalinin Microwave Facility [redacted] No NIETB 25X1A  
Coordinates - undetermined  
Tower type - self-supporting, lattice, of undetermined height  
Antennas - two R-60/120 reflectors

[redacted]

6. Redkino Microwave Facility [redacted] 25X1A  
56-41-59N 036-20-05E  
Tower type - self-supporting, lattice, of undetermined height  
Antennas - two R-60/120 reflectors

[redacted]

25X1D

7. Klln Microwave facility [redacted] No NIETB 25X1A  
Coordinates - undetermined  
Tower type - self-supporting, lattice, of undetermined height 25X1D  
Antennas - two R-60/120 reflectors

[redacted]

25X1D

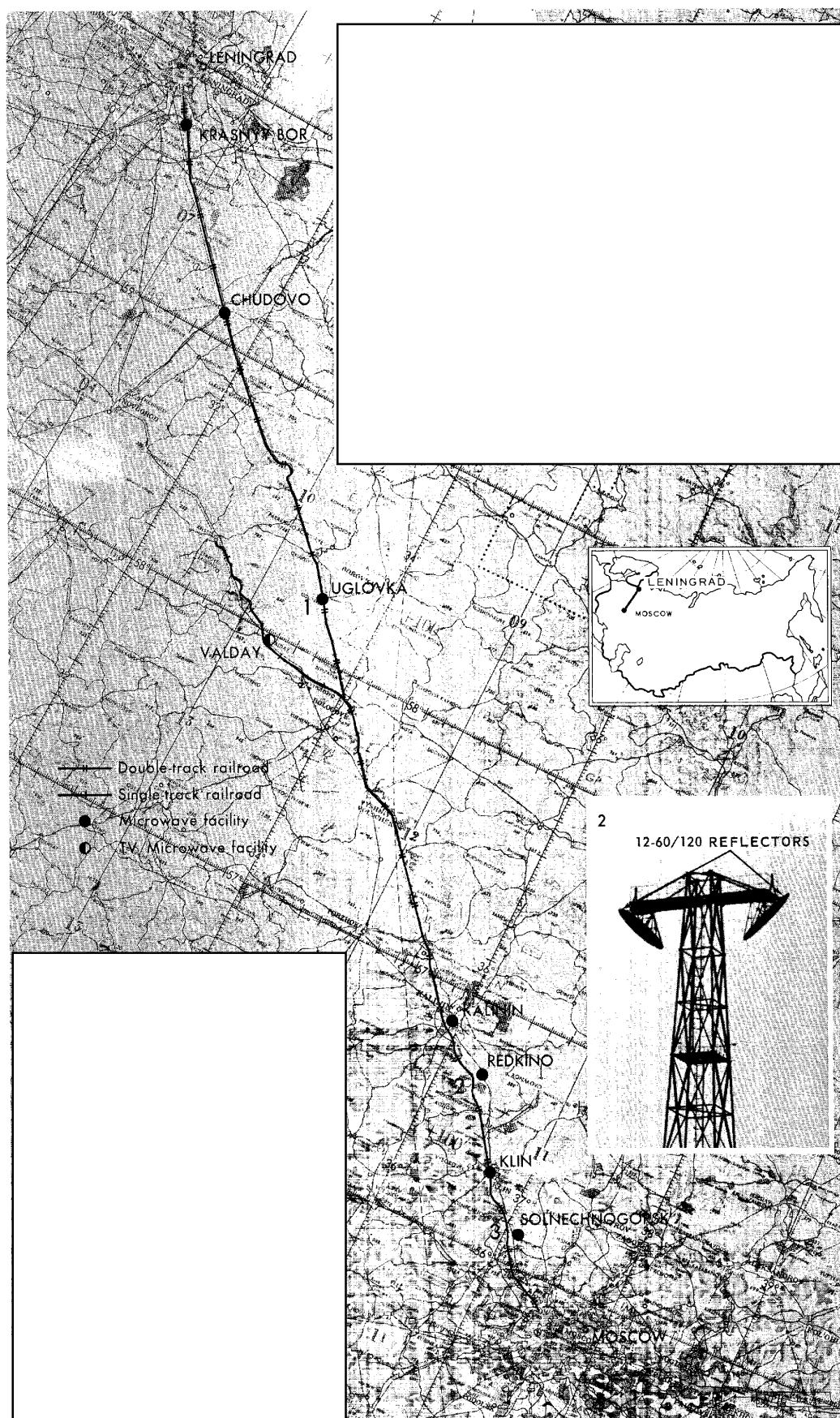
[redacted]

TOP SECRET

25X1  
25X1  
25X1C

25X1

[redacted]



25X1D

25X1D

FIGURE 1. FACILITIES ALONG THE MOSCOW-LENINGRAD MICROWAVE LINK, USSR.

